HEADQUARTERS, DEPARTMENT OF THE ARMY WASHINGTON 20315, D.C., 7 July 1964

ORGANIZATIONAL MAINTENANCE REPAIR PARTS AND SPECIAL TOOL LISTS FOR

MACHINE GUN, 7.62-MM, M60, W/E AND MOUNT, TRIPOD, MACHINE GUN, M122

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	150.00	MACHINE GUN, 7.62-MM, M60		11
-iob ald?	1	MOUNT, TRIPOD, MACHINE GUN, M122		
-service-	n ac	Cleaning and Preserving Materials		

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lering he requisitioned as required

note c/1

recovery or salvage. When no code:

^{*} This manual supersedes TM 9-1005-224-20P, 19 August 1960.

SECTION I

1. General

a. This manual is a list of items which are required to be stocked by organizational maintenance units as their prescribed load. Also listed are additional repair parts which may be required for performing organizational maintenance but are to be requisitioned, as required, for immediate use only.

b. For prices of items listed herein, see the appropriate supply manuals of the SM 9-2 series.

c. Additional application of items in this manual are listed in the supply manuals of the SM 9-3 series.

2. Requisition Notes

a. When requisitioning an item, the requisitioning agency will order the *listed* item. However, the commodity command will take necessary action to issue the exhaust stock item until stock is exhausted, whether it be an individual item, kit, set, or assembly.

b. Requisitions for replacement of items that are the responsibility of commodity commands will be submitted to the commodity commands, identified by their materiel code number, indicated in column 1a.

c. If the exact item requisitioned is not furnished or if other action is necessary, the exact nature of the action taken by the supplying agency will be indicated by standard symbols on prescribed forms.

d. Items listed and indicated by an asterisk may be requisitioned as required.

3. Explanation of Columns

a. Source, Maintenance, and Recoverability Code (Col. 1).

(1) Materiel numerical code (col. 1a).
This column indicates the materiel numerical code, other than Ordnance materiel, assigned supply responsibility for the listed item. Commodity commands responsible for supply of items in this list are:

Code	Type Materiel
3	Chemical Materiel
5	Engineer Materiel
10	Quartermaster Materiel

(2) Source (col. 1b). This column indicates the selection status and source for the listed item. Source codes used in this list are:

Code Explanation

P Applies to high mortality parts. P1 Applies to low mortality parts.

(3) Maintenance 1 e v e 1 (col. 1c). This column indicates the lowest maintenance level authorized to install the listed item. Maintenance level code used in this list is:

Code Explanation

- Organizational maintenance (Operator and Organizational)
- (4) Recoverability (col. 1d). This column indicates whether unserviceable items should be returned for recovery or salvage. When no code is indicated, the item is expendable and not recoverable. Recoverability code used in this list is:

Code Explanation

- Items which are economically repairable at direct and general support activities and are normally furnished by supply on an exchange basis.
- b. Federal Stock Number (Col. 2). This column indicates the Federal stock number which has been assigned by the Cataloging Division, Defense Logistics Services Center.
- c. Description (Col. 3). This column indicates the Federal item name (shown in capital letters) and any additional description required for supply operations. The abbreviation "w/e" (with equipment), when used as a portion of the nomenclature, indicates that the end item (major item)

includes all repair parts and equipment issued with the item. The commodity command or manufacturer's part number is also included for reference.

- d. Unit of Issue (Col. 4). This column indicates the quantity to be requisitioned.
- e. Quantity Incorporated in Unit (Col. 5). This column indicates the total number of times the listed item is used in the end item (major item).

f. 15-Day Maintenance Allowance Per Equipment Density Spread (Col. 6).

(1) These columns list allowances which are based on the latest mortality data and are the estimated average quantity required for organizational maintenance to provide maintenance and supply support for selected equipment density spreads for a 15-day period under combat conditions.

Example: If the number of equipments supported is 5, the quantitative allowance should be selected from column 6 (a) (1-6 equipments).

- (2) The quantitative allowance determined by (1) above constitutes one prescribed load for a 15-day period. This quantity must be on hand or on order at all times.
- (3) Units and organizations authorized additional prescribed loads will multiply the number of equipments supported by the number of prescribed loads and then use the appropriate equipment allowance column. An exception is made for those units and organizations required to have on hand, boxed or packaged, prescribed load(s) pursuant to a special mission assignment. Such prescribed load(s) will be computed or selected separately from quantities authorized for stockage at permanent station.

Example: If the number of equipments supported is 5 and the number of prescribed loads is 2, the computation would be 5 x 2 = 10. The quanti-

tative allowance would be selected from column 6 (b) (7-20 equipments).

- (4) When an allowance is inclosed in parentheses, the item is designated as a "combat essential item of a critical nature" and must be stocked at all times.
- (5) Subsequent changes to allowances will be limited as follows:
- (a) No decrease in the stated quantity of Combat Essential Items is authorized.
- (b) Decreases in the stated quantity, other than Combat Essential Items, are authorized to a minimum quantity of one.
- (c) Increases in the stated quantity are authorized for all items when justified by demand and usage experience.
- (d) Detailed procedures for performing these adjustments are prescribed in AR 735-35.
- (e) No change in the range (list of items contained herein) is authorized. If additional items are considered necessary, a recommendation should be forwarded to the preparing agency for exceptions or revision to the allowance list.
- g. Illustration (Col. 7). This column indicates the figure number of the illustration that depicts the listed item. When more than one item appears on an illustration, the item number is also indicated.

4. Abbreviations and Symbols

a. Abbreviations.

Abbreviation	Explanation
assy	. assembly
dia	
equip	
gal	. gallon(s)
hd	. head
id	. inside diameter(s)
lb	. pound(s)
lg	. length (long)
NF	. American National Fine thread
od	. outside diameter(s)
oz	. ounce(s)
phos-ctd	. phosphate coated

Emplanation

Abbreviation E	xplanation		Symbol	Explanation
pkg pa qt qu rd ro S st sq sq stk st thk th w wi x by	art (s) und eel uare ock ick (ness) de (width)	-ntn -ntn io to bno	LSAs P-C- 111Ac PD 126 s PL spe- cialg	reapons lubricating oil emi-fluid lubricating oil arbon removing compound olvent cleaning compound eneral purpose lubri- cating oil ry cleaning solvent
Complete				

b. Symbols.

Syllin	"고기가게 [[문문의 단점] [문문의 신라 본지방법] 요즘 시간 [[문문]
Symbol	Explanation
().	Allowances inclosed in parentheses are "combat essential items." These items are of a critical nature and must be stocked at all times.
i•io. amp°o amba u_io	. Indicates repair parts which may be required to perform authorized maintenance but not authorized for stockage in the prescribed load.
	These parts are to be requisitioned, as required for immediate use only.
AR .	. Indicates item is to be requisitioned as re-

quired.

5. Suggestions and Recommendations

The direct reporting of errors, omissions and recommendations for improving this equipment manual by the individual user, is authorized and encouraged. DA Form 2028 will be used for reporting these improvements. This form may be completed using pencil, pen or typewriter. DA Forms 2028 will be completed by the individual using the manual and forwarded direct to:

Commanding General
Headquarters
U. S. Army Weapons Command
ATTN: AMSWE-SMM-P
Rock Island Arsenal
Rock Island, Illinois 61202

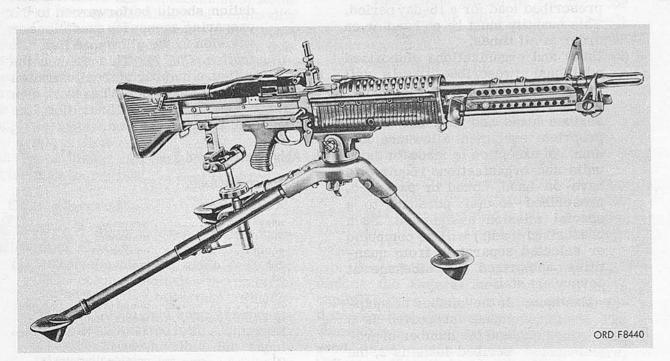


Figure 1. 7.62-mm machine gun M60 and machine gun tripod mount M122.

SECTION II. REPAIR PARTS AND SPECIAL TOOL LISTS

10/10/01	Sou	Source ntenance and erability code				(4)	(5)		mai	(6) 5-Day ntenand vance pripment	er	Illust	7) tratio
1600	verau	illey C	Joue	o) (a) (a)	Dominiolog		180,	Lago		sity spread		(4) (6)	
(a)	(b)	(c)	(d)	Federal stock No.	Description		orated	(a)	(b)	(c)	, (q)	(a)	(b)
materiel numer- ical code	Source	Maintenance level	verability of issue	Unit of issue	Quantity incorporated in unit	1-6	7-20	21-50	51-100	Figure No.	Item No.		
		1-			REPAIR PARTS FOR:	95							
8		1 (0		. 17.7 10. 411.	MACHINE GUN, 7.62-MM, M60	1000			2				
Ī		(8		的人的人员一定	Major Assemblies and components	SVA	1.600	-20	1-204			1 8	1
160	P1	0	R	1005-608-5001	BARREL ASSEMBLY WITH BIPOD ASSEMBLY: (7269027).	1	1	(1)	(1)	(1)	(1)	2	1
	P1	F		1005-608-5034	BOLT ASSEMBLY, BREECH: (7269064).	1	1	(1)	(1)	(1)	(1)	2	5
	P1	0	R	1005-608-5070	BUFFER ASSEMBLY: (7269096)	1	1	(1)	(1)	(1)	(1)	2	3
	P	0	7	1005-608-5271	SPRING, HELICAL, COMPRESSION: S, 0.080 strand dia, 0.370 free od, 25.75 free over-all lg, 144 coils, operating rod (7269303).	1	1	(1)	(1)	a)	(2)	2	4
	P1	0		1005-975-8595	SPRING, LEAF: (7792398)	1	1	(1)	(1)	(1)	(1)	2	2
	P1	0	7	1005-987-9682	TRAY ASSEMBLY, CARTRIDGE FEED: (7792096).	1	1	(1)	(1)	(1)	(1)	2	6

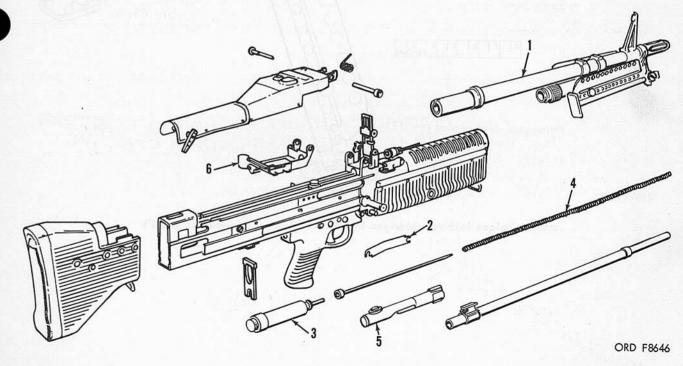


Figure 2. Major assemblies and components for machine gun M60 - partial exploded view.

	(1)		(2)	(3)	(4)	(5)			(6) -Day		(7)
ma	Sou: intens	nce ar	nd ode						main allows equi	tenance ance popular pment y spre	er	Illust	ration
Materiel numer-	Source (4)	Maintenance ô	Recoverability &	Federal stock No.	Description	Unit of issue	Quantity incorporated in unit	(a) 1-6	- (b)	(c) 21-50	51-100	Figure No. (2)	Item No.
5	P P P1	0 0		1005-987-9907 1005-608-5009 9505-308-3978	REPAIR PARTS FOR — Continued Barrel Assembly With Bipod Assembly PLUG, GAS CYLINDER: (7792093) WASHER, KEY: S, 0.940 id, 0.033 thk, gas cylinder (7269035). WIRE, STEEL, CORROSION RE- SISTING: annealed, 0.032 dia, 1 lb spool (96906-20995-C32).	1 1 LB	1 2 AR	(1) (1) *	(1) (1) *	(1) (2) *	(2) (3) *	3 3 3	3 1 2

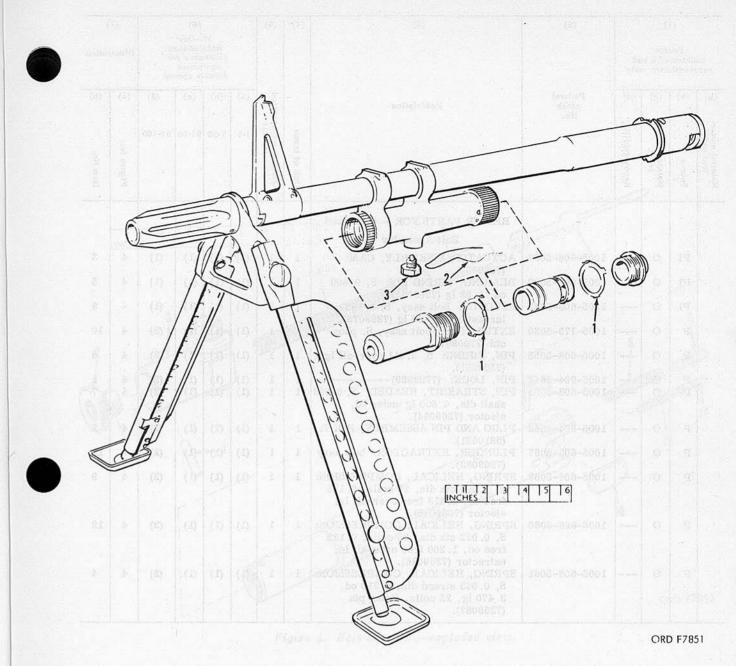


Figure 3. Barrel assembly with bipod assembly-partial exploded view.

				(2)	(3)				15 main allows equi	(6) -Day tenance ance per pment ty spre	er	(7	
(a)	(b)	(c)	(d)	Federal stock No.	Description		porated	(a)	(b)	(c)	(d)	(a)	(b)
materiei numer- ical code	Source	Maintenance level	Recoverability			Unit of issue	Quantity incorporated in unit	1-6	7-20	21-50	51-100	Figure No.	Item No.
					REPAIR PARTS FOR — Continued Bolt Assembly								
	P1	0		1005-608-5037	ACTUATOR ASSEMBLY, CAM: (7269063).	1	1	(1)	(1)	(1)	(1)	4	3
	P1	0		1005-608-5039	BEARING, FIRING PIN: S, 0.400 od, 1.63 lg (7269065).	1	1	(1)	(1)	(1)	(1)	4	5
	P1	0		1005-608-5047	EJECTOR: bolt assy, S, 0.186 largest od, 0.840 lg (7269073).	1	1	(1)	(1)	(1)	(1)	4	8
	P	0		1005-779-6030	EXTRACTOR: bolt assy, S, phos- ctd (7790907).	1	1	(1)	(1)	(1)	(2)	4	10
	P	0		1005-608-5055	PIN, FIRING: S, 3.411 over-all lg (7269081).	1	1	(1)	(1)	(1)	(2)	4	6
1	P	0		1005-994-9648	PÍN, LOCK: (7792920)	1	1	(1)	(1)	(1)	(2)	4	1
	P	ō	1 <u>6770</u> ,	1005-608-5058	PIN, STRAIGHT, HEADED: S, 0.093 shaft dia, 0.560 lg under hd, ejector (7269084).	1	1	(1)		(1)	(2)	4	
	P	0		1005-994-9642	PLUG AND PIN ASSEMBLY, BOLT: (5910621).	1	1	(1)			(2)	4	
	P	0		1005-608-5057	PLUNGER, EXTRACTOR: bolt assy (7269083).	1	1	(1)	1	(1)	(2)	4	1
	P	0		1005-608-5059	SPRING, HELICAL, COMPRESSION: S, 0.040 stk dia, 25 coils, 0.175 free od, 1.413 free over-all lg, ejector (7269085).		1	(1)			(2)	4	
	P	0		1005-608-5060	SPRING, HELICAL, COMPRESSION: S, 0.032 stk dia, 25 coils, 0.132 free od, 1.200 free over-all lg, extractor (7269086).		1	(1)			(2)	4	1
	P	0		1005-608-5061	SPRING, HELICAL, COMPRESSION: S, 0.063 strand dia, 0.310 od, 3.470 lg, 22 coils, firing pin (7269087).	1	1	(1)	(1)	(1)	(2)	4	

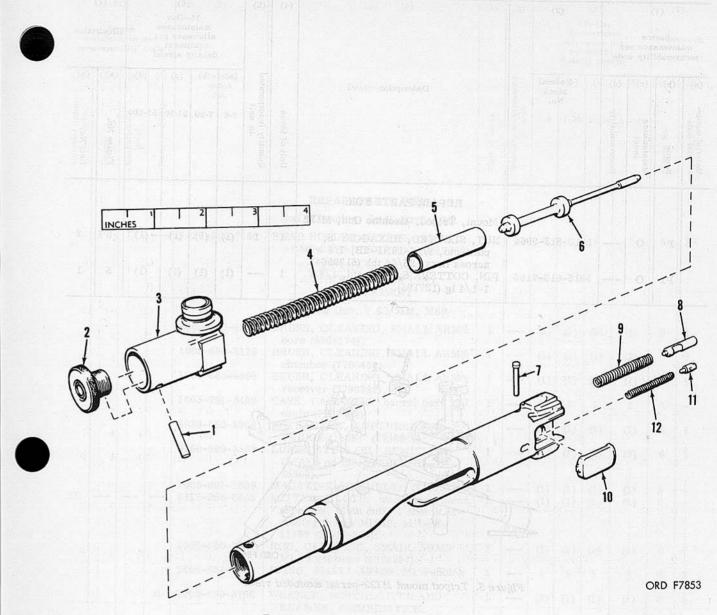


Figure 4. Bolt assembly-exploded view.

Source maintenance and recoverability code		(2)		(4)	(5)		main allow equ	(6) 5-Day ntenancy ance p ipment ty spre	er	(7	ration		
Materiel numer- & ical code	Source (q)	Maintenance 3	Recoverability &	Federal stock No.	Description	Unit of issue	Quantity incorporated in unit	(a)	(b) 7-20	(c) 21-50	(d) 51-100	Figure No. (P)	Item No.
The second secon	P P1	0	-	5310-513-9964 5315-013-7195	REPAIR PARTS FOR: Mount, Tripod, Machine Gun, M122 NUT, SLOTTED, HEXAGON: S, phos-ctd, 9/16-18NF-2B, 7/8 w across flats, 25/64 thk (5139964). PIN, COTTER: S, phos-ctd, 1/8 x 1-1/4 lg (137195).	1	1	(1) (1)	(1) (1)	(1)	(i) (1)	5	2

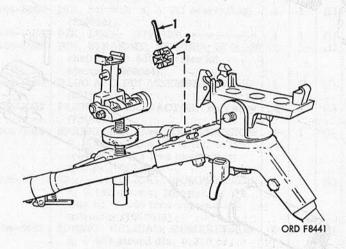


Figure 5. Tripod mount M122-parial exploded view.

(1) Source)		(2)	(3)	(4)	(5)		(7)				
	intens	rce ince and ility c							allow equi	tenance ance p ipment by spre	er	Illust	ratio
(a)	(b)	(c)	(d)	Federal stock No.	Description		incorporated n unit	(a)	(p)	(c)	(d)	(a)	(b
Materiel numer- ical code	Source	Maintenance level	Recoverability			Unit of issue	Quantity incorp in unit	1-6	7-20	21-50	51-100	Figure No.	Item No.
					REPAIR PARTS FOR:								
					Rod, Cleaning, Small Arms, M1								
	P1	0		1005-601-7660	SWAB HOLDER SECTION, SMALL ARMS CLEANING ROD: (6017660).	1	1	*	*	*	*	6	1.
10.00					TOOLS AND EQUIPMENT AUTHORIZED FOR UNIT REPLACEMENT								
		i de la			Machine Gun, 7.62-MM, M60								
		ge il		1005-556-4174	BRUSH, CLEANING, SMALL ARMS:	1		(1)	(1)	(2)	(4)	6	7
	- (1005-690-3115	bore (5564174). BRUSH, CLEANING, SMALL ARMS: chamber (7790452).	1		(1)	(1)	(1)	(2)	6	6
				1005-650-4508	BRUSH, CLEANING, SMALL ARMS:	1		(1)	(1)	(1)	(1)	6	8
				1005-791-5420	receiver (7790342). CASE, CARRYING: barrel assy and equip (7791009).	1		1	1	1	1	7	-
				4933-652-9950	EXTRACTOR, RUPTURED CAR-	1		(1)	(1)	(1)	(1)	6	4
				9150-889-3522	TRIDGE CASE: (7790352). LUBRICATING OIL, SEMIFLUID: (LSA) 4 oz tube (SPEC-MIL-L-	1		(1)	(1)	(2)	(3)	6	
10				1005-691-1639 8415-266-8843	46000). MAGAZINE ASSEMBLY: (7790572) MITTEN, CLOTH: work type, mens, asbestos, plain cuff, 1 sheath ex-	1		(1) (1)	(1) (1)	(1) (1)	(1) (1)	8 9	-
					cluding thumb M1942, MIL-M- 11199 (37-M-394).	,							
				1005-650-8237	ROD, CLEANING, SMALL ARMS:	1		(1)	(1)	(1)	(1)	6	:
			125	1005-654-4058	M1, 3 sections (6508237). SLING, SMALL ARMS: M1 webbing (6544058).	1		1	1	1	2	6	1
			R	1005-690-3766	WRENCH, SCREWDRIVER AND REAMER, COMBINATION:	1		(1)	(1)	(1)	(1)	6	
				1005-288-3565	(7790680). SWAB, SMALL ARMS CLEANING: cotton, 2-1/2 sq (1000 in pkg) (5019316).	PKG		(1)	(1)	(1)	(1)		
					Mount, Tripod, Machine Gun, M122		1000						
		Sugar	125		None Authorized				1				1 8

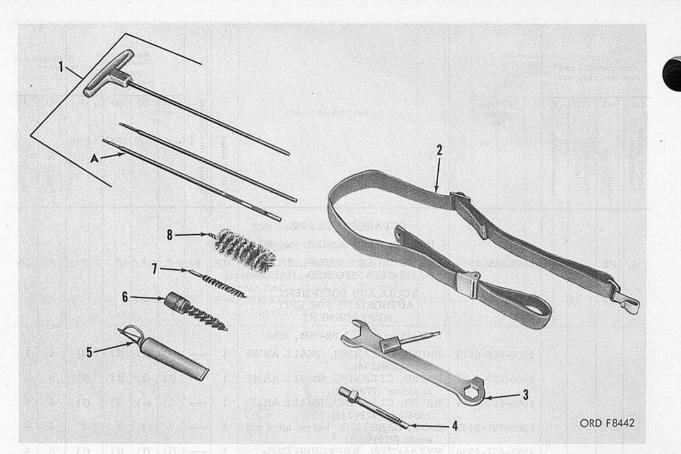


Figure 6. Special tools and equipment.

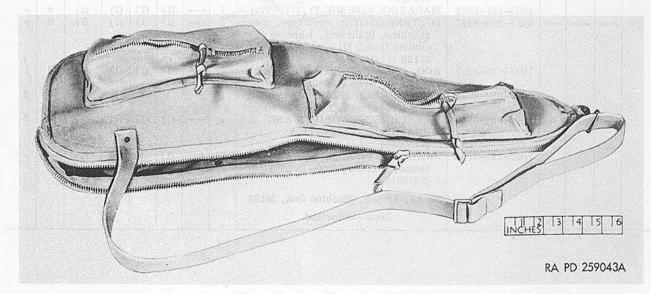


Figure 7. Carrying case 7791009.



Figure 8. Magazine assembly 7790572.

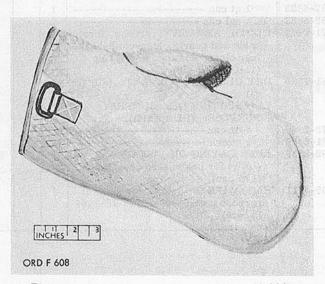


Figure 9. Asbestos mitten M1942 (37-M-394).

	Sou Sou	l) irce		(2)	(3)	(4)	(5)			(6) 5-Day stenance	ce	()	7) ration				
	ainten	ance a ility o											equ	vance paipment ty spre	t	must	ration (
(a)	(b)	(c)	(d)	Federal stock No.	Description .		porated	(a)	(b)	(c)	(d)	(a)	(b)				
Materiel numer- ical code	Source	Maintenance level	Recoverability			Unit of issue	Unit of issue Quantity incorporated in unit	1-6	7-20	21-50	51-100	Figure No.	Item No.				
		5			CLEANING AND PRESERVING MATERIALS		#X										
					The following items are req- uisitioned as required.												
5				8020-244-0153	BRUSH, ARTISTS: metal, ferrule, flat, chisel edges, 7/16 w, 1-1/8 lg exposed bristle (96906-16840).	1											
10				7920-205-2401	BRUSH, CLEANING, TOOL AND PARTS: rd, 100 percent tampico fiber, 1-1/16 at ferrule brush dia, 2-7/8 clear of block brush lg (96906-16746-29).	1											
3			-	6850-620-0610	CARBON REMOVING COMPOUND: (P-C-111A) (5 gal can). CLEANING COMPOUND, SOLVENT: small arms bore cleaner, solution type (PD 126).	1		41									
3				6850-682-6835	2 oz can	1					1		E WE				
3				6850-682-6834	6 oz can	1			189)	del .	SOLUTE.	128 3	1				
3				6850-682-6833	1 qt can	1	13.0										
3				6850-682-6832 5350-221-0872	1 gal can	1											
3	 -#	78		6850-281-1985	DRY CLEANING SOLVENT: (SD) (1 gal can). LUBRICATING OIL, GENERAL	1											
LO				9150-273-2389	PURPOSE: (PL special). 4 oz can	1	1			-							
10				9150-231-6689	1 qt can	1		173	15.5								
10				9150-292-9689	LUBRICATING OIL, WEAPONS: (LAW) for below zero operations (1 qt can).	ì	1										
10				7920-205-1711	RAG, WIPING: cotton, for general purpose use (96906-16746-131) (50 lb bale).	1											

By Order of Secretary of the Army:

HAROLD K. JOHNSON,

Lieutenant General, United States Army, Chief of Staff.

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Major General, United States Army, The Adjutant General.

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NG: State AG (3); Units—Same as Active Army except allowance is one (1) copy to each unit. USAR: Same as Active Army except allowance is one (1) copy to each unit. For explanation of abbreviations used, see AR 320-50.

Organizational Maintenance Repair Parts and Special Tool Lists

MACHINE GUN, 7.62-MM, M60 W/E AND MOUNT, TRIPOD, MACHINE GUN, M122

CHANGE No. 1

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, D.C., 19 October 1964

TM 9-1005-224-20P, 7 July 1964, is changed as follows:

Page No.	Action	(1) Source maintenance and recoverability code (c) Maintenance	(2) Federal stock No.	(3) Description
		level		
5	Change cols. (1) (c) and (2)	0.00	(1005–608–5034) 1005–017–9782	BOLT ASSEMBLY, * * *
14	Change cols. 2 and 3			CLEANING COMPOUND, SOLVENT: small arms bore cleaner, solution type (CR).
			(6850-682-6835)	
			6850-224-6656 (6850-682-6834)	2 oz can
			6850-224-6657 (6850-682-6833)	6 oz can
			6850-224-6658 (6850-682-6832)	1 qt can
			6850-224-6663	1 gal can

Note. Parentheses () indicate old stock number, followed by new.

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Sixth USA (1)

Corps (2)

Div (2) Bde (2) Regt/Gp/BG (2) Bn (2) Co/Btry (1) except Ord Co (2) Instl (2) except Ft Meade (3) Svc Colleges (2) Br Svc Sch (2) except USA Ord Sch (50) GENDEP (OS) (1) Ord Sec, GENDEP (OS) (1) Army Dep (2) except LXAD (3) **TEAD** (12) USAATC (3) Army Tml (2) POE (2) Springfield Armory (2) Arsenals (5) Proc Dist (2) USA Corps (2) Cen (2) Mil Msn (1) Ord Dep (OS) (2)

NG: State AG (3); units—same as active Army except allowance is one copy to each unit. USAR: Same as active Army except allowance is one copy to each unit. For explanation of abbreviations used, see AR 320-50.

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